

IN THE SPECIFICATION

[0014] Index host 102 may represent any type of electronic appliance or device that stores index file 104. In one embodiment, index host 102 is a Hyper Text Transfer Protocol (HTTP), or World Wide Web (Internet) server. In an alternate embodiment, index host 102 is a Universal Plug and Play (UPnP) Control Point, as defined by standards promulgated by the UPnP™ Forum (<http://www.upnp.org>).

[0021] As used herein control logic 202 provides the logical interface between index agent 110 and remote device 108. In this regard, control logic 202 may manage one or more aspects of index agent 110 to provide a communication interface from remote device 108 to index entries resident thereon. According to one aspect of the present invention, though the claims are not so limited, control logic 202 receives initialization event indications such as, e.g., a request to retrieve an index file. Upon receiving such an indication, control logic 202 selectively invokes the resource(s) of index engine 208. As part of an example method for processing an index, as explained in greater detail with reference to Fig. 4, control logic 202 selectively invokes parse services 210 and select services 212 that extract and determine whether to store, respectively, index entries. Control logic 202 also selectively invokes sort services 214, as explained in greater detail with reference to Fig. 4, to sort the stored index entries. As used herein, control logic 202 is intended to represent any of a wide variety of control logic known in the art and, as such, may well be implemented as a microprocessor, a micro-controller, a field-programmable gate array (FPGA), application specific integrated circuit (ASIC), programmable logic device (PLD) and the like. In alternate implementations, control logic 202 is intended to represent

content (e.g., software instructions, etc.) stored on a storage medium, which when executed by an accessing machine implements the features of control logic 202 described herein.